INSERT SIDE A

Permanent *High-Tensile* Electric Fence

Materials for Permanent Electric Fence

1	*New Zealand style 12 volt energizer*
1	*85 amp-hour deep-cycle battery*
1	*20-watt solar panel*
1	*Lightning arrestor*
13	*9 foot x 6 inch wood corner posts (CCA treated)*
8	*9 foot x 4 inch wood top rails (CCA treated)*
11	*7 foot x 1.2 inch fiberglass line posts*
1	*1,500 foot coil 12 1/2 gauge high-tensile wire*
70 ft	*1 x 19 galvanized aircraft cable*
100 ft	*12 1/2 gauge insulated wire*
100 ft	*Insulated tubing*
7	*Heavy-duty gate handles*
7	*In-line strainers (ratchet-type)*
7	*In-line tension springs*
1 bag	*12 1/2 gauge compression sleeves*
1 box	*3-4 Nicotap sleeves*
20	*10 inch x 3/8 inch H-brace pins*
5 lbs	*2 inch zinc barbed staples*
240 ft	*36-inch wide chicken wire*
40	*Metal tent stakes or home-made no. 9 wire pins*
1	*6 foot x 1/2 inch ground rod and clamp*

Permanent High-Tensile Electric Fence

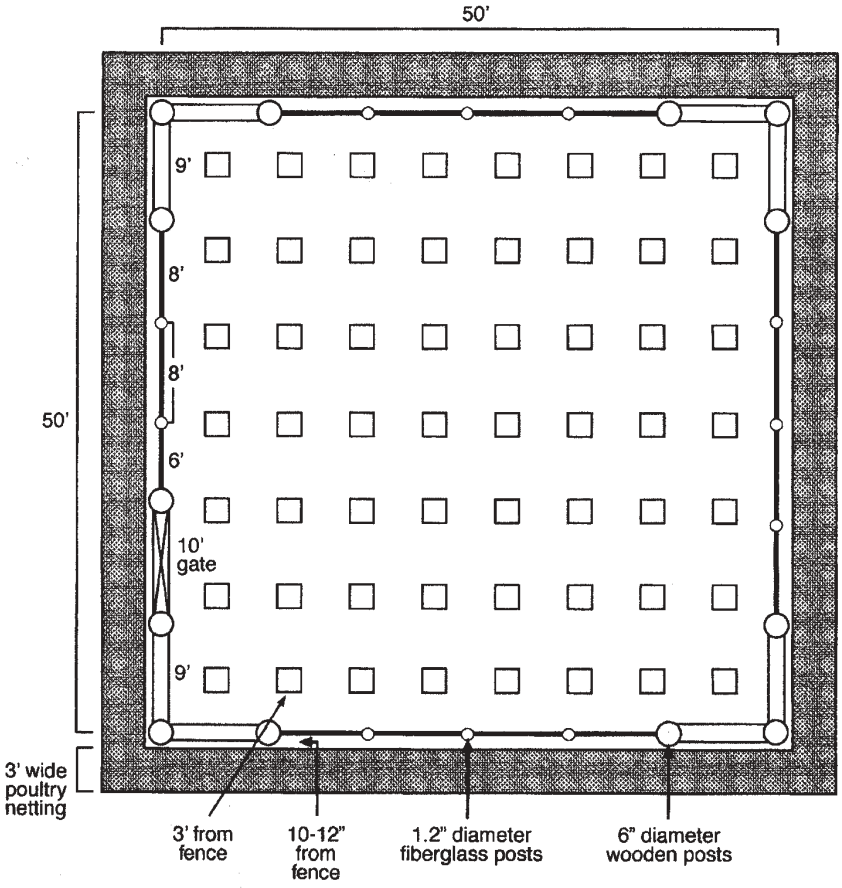

Figure 1: A permanent high-tensile electric wire fence designed to protect beehives from bears, showing spacing of posts and the position of beehives and chicken wire grounding apron relative to the fence.

Permanent High-Tensile Electric Fence

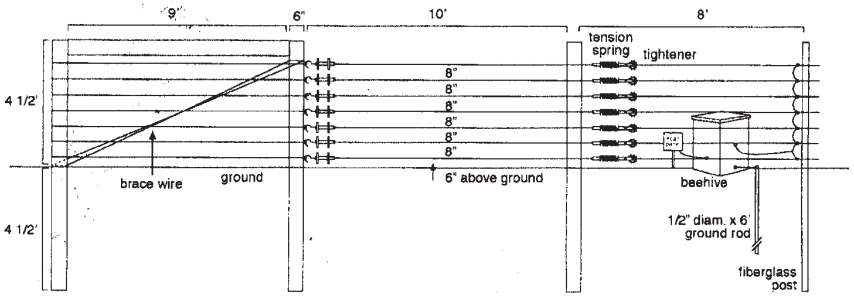

Figure 2: Spacing of wires and gate, and location of beehive, solar panel and grounding rod behind the fence.

Temporary *Woven-Wire* Electric Fence

Materials for a Temporary Woven-Wire Electric Fence

1	*Solar charger and a 5.5 watt solar panel*
1	*Interstate PC1270 jell cell battery*
15 ft	*Insulated cable*
3	*Insulated gate handles*
9	*1 1/2 inch x 4 foot PVC pipes*
150 ft	*32 inch wide light (about 18 gauge) woven wire with square mesh and wire spacing ranging from 2 inches on the bottom to 5 inches on top.*
9	*6 1/2 foot steel "T" posts*
150 ft	*36 inch wide chicken wire*
40	*Metal tent stakes or home-made no. 9 wire pins*
1	*6 foot by 1/2 inch ground rod and clamp*

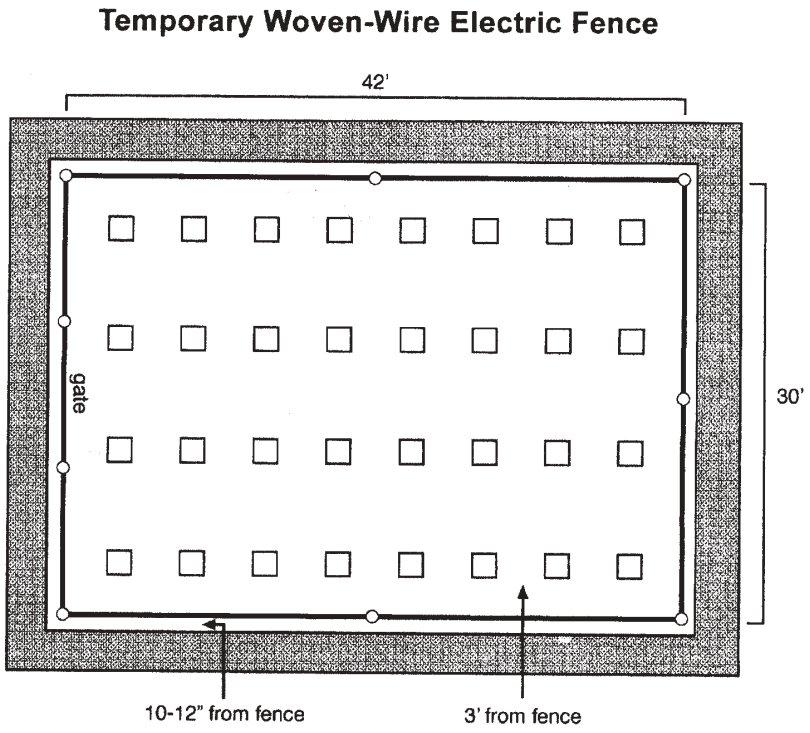

Figure 3: A temporary woven-wire electric fence and a temporary high-tensile electric fence designed to protect beehives from bears, showing spacing of posts and the position of beehives and chicken wire grounding apron relative to the woven-wire electric fence. Another "T" post is added to each of the longer sides of the temporary high-tensile electric fence.

Materials for a Temporary High-Tensile Electric Wire Fence

1	*Solar charger and a 5.5 watt solar panel*
1	*Interstate PC1270 jell cell battery*
15 ft	*Insulated cable*
4	*Insulated gate handles*
4	*Heavy duty tension springs*
4	*In-line strainers (wire tighteners)*
600 ft	*17 gauge high-tensile wire*
11	*6 1/2 foot steel "T" posts*
48	*"T" post insulators*
150 ft	*36-inch wide chicken wire*
40	*Metal tent stakes or home-made no. 9 wire pins*
1	*6 foot by 1/2 inch ground rod and clamp*

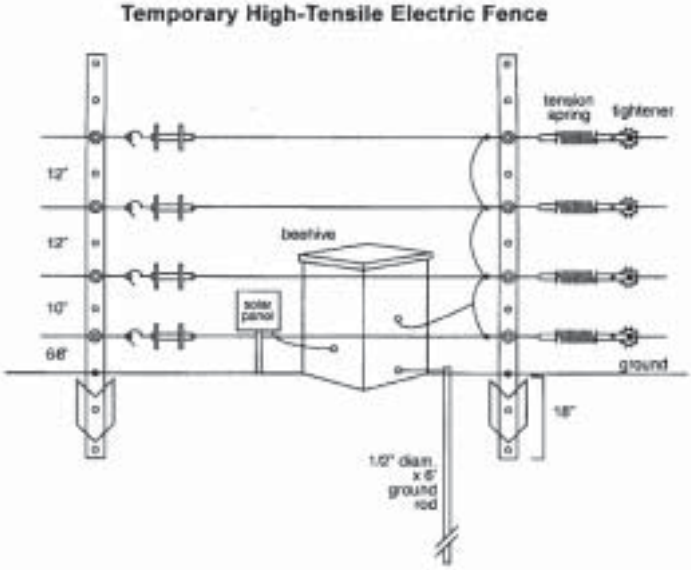

Figure 5: Spacing of electric high-tensile wires and gate, and location of beehive, solar panel and grounding rod behind the fence.